

IN THE CLAIMS

1. (Currently Amended) An automatic chemical analyzer capable of determining the plural components of a sample by using the independent reagents for the respective components, in which the sections of conducting transfer, mixing and determination of the reagents, samples and reaction solution under analysis are shared in part or wholly, and in order to prevent the occurrence of errors of determination due to contamination, the analyzer is provided with a function to set the determination conditions for judging the presence or absence of contamination and to make automatic judgement judgment of the combination of items involving contamination, and ~~further characterized in that:~~

wherein in order to prevent the occurrence of errors of determination due to the generation of new contamination by variation of the state of the apparatus, the analyzer makes ~~judgement~~ judgment on the presence or absence of contamination for combinations of the reagents, memorizes ~~its result~~ the judgment result in relation to the reagent combinations, compares the result with those of the previous ~~judgements~~ judgments, and when these results differ more than a certain degree, judges that the state of the apparatus has changed, and indicates it to the user.

2. (Currently Amended) An automatic chemical analyzer capable of determining the plural components of a sample by using the independent reagents for the respective components, in which the sections of conducting transfer, mixing and determination of these reagents, samples and reaction solution under analysis are shared in part or wholly, and in order to prevent the occurrence of errors of determination due to contamination, the analyzer is provided with a function to set the determination conditions for judging the presence or absence of contamination and to make automatic ~~judgement~~ judgment of the combination of items involving contamination, and ~~further characterized in that:~~

wherein in order to prevent the occurrence of errors of determination due to the generation of new contamination by variation of the state of the apparatus, the analyzer makes ~~judgement~~ judgment on the presence or absence of contamination, memorizes its result, conducts ~~judgement~~ judgment on the presence or absence of contamination in parallel with the determination of the sample, compares the result with those of the previous ~~judgements~~ judgments, and when these results differ more than a certain degree, judges that the state of the apparatus has changed, and indicates it to the user.

3. (Currently Amended) A recording medium for recording the operation of an automatic chemical analyzer capable of determining the plural components of a sample by using the independent reagents for the respective components, in which the sections of conducting transfer, mixing and determination of these reagents, samples and reaction solution under analysis are shared in part or wholly, and in order to prevent the occurrence of errors of determination due to contamination, the analyzer is provided with a function to set the determination conditions for judging the presence or absence of contamination and to make automatic ~~judgement~~judgment of the combination of items involving contamination, ~~further characterized in that:~~

wherein in order to prevent the occurrence of errors of determination due to the generation of new contamination by variation of the state of the apparatus, there is installed an operation program according to which the analyzer makes ~~judgement~~judgment on the presence or absence of contamination, memorizes its result, compares the result with those of the previous ~~judgements~~judgment, and when the results differ more than a certain degree, judges that the state of the apparatus